		Exploring the Ex	rtreme
		2004 Mathema	
		State Curricu	
Maryland Mathemat	ics		
Grade K			
Activity/Lesson	State	Standards	
,			
Finding the Center of			
Gravity Using Rulers		MA.K.4.A.1.a	Collect data by answering a question
		Exploring the Ex	rtreme
		2004 Mathema	
		State Curricu	lum
Maryland Mathemat	ics		
Grade 2			
Activity/Lesson	State	Standards	
Finding the Center of			Read the scale on a ruler to identify length,
Gravity Using Rulers	MD	MA.2.3.A.1.a	in inches
		Exploring the Ex	
		2004 Mathema	
Manuland Mathamat	ioo	State Curricu	ium
Maryland Mathemat Grade 3	ICS		
Activity/Lesson	State	Standards	
ACTIVITY/LESSOT	State	Standards	Measure length of objects and pictures of
Finding the Center of			objects using a ruler, a tape measure, a
Gravity Using Rulers		MA.3.3.B.1.a	yardstick, or a meter stick
Changing the Center			Measure length of objects and pictures of
of Gravity Using			objects using a ruler, a tape measure, a
Moment Arms	MD	MA.3.3.B.1.a	yardstick, or a meter stick
			,
	.1	Exploring the Ex	ktreme
		2004 Mathema	
		State Curricu	lum
Maryland Mathemat	ics		
Grade 4			
Activity/Lesson	State	Standards	
Finding the Center of			
Gravity Using Rulers	MD	MA.4.3.B.1.a	Select and use appropriate tools and units
Finally and a Control			Calle at data have a la Cara a
Finding the Center of		NAA 4 4 A 4 -	Collect data by conducting surveys to answer
Gravity Using Rulers		MA.4.4.A.1.a	a question
Finding the Center of			
Gravity Using Plumb	MD	MA 40 D 4 -	Colort and use appropriate tools and write
Lines	MD	MA.4.3.B.1.a	Select and use appropriate tools and units
Changing the Center			
of Gravity Using Moment Arms	MD	MA 42 B 4 a	Select and use appropriate tools and units
MONETIL ATTIS	רואור	MA.4.3.B.1.a	Select and use appropriate tools and units

Changing the Center	er		
of Gravity Using			Collect data by conducting surveys to answer
Moment Arms	MD	MA.4.4.A.1.a	a question
			·
		Exploring the Ex	xtreme
		2004 Mathema	atics
		State Curricu	llum
Maryland Mathema	atics		
Grade 5			
Activity/Lesson	State	Standards	
			Measure a single angle and angles in regular
Vectoring	MD	MA.5.3.B.2.a	polygons
Center of Gravity,			
Pitch, Yaw	MD	MA.5.3.B.1.a	Select and use appropriate tools and units
		Exploring the Ex	
		2004 Mathema	
		State Curricu	ılum
Maryland Mathema	atics		
Grade 6			
Activity/Lesson	State	Standards	
Vectoring	MD	MA.6.3.B.2	Measure angles in polygons
Center of Gravity,			
Pitch, Yaw	MD	MA.6.3.B.1.a	Select and use appropriate tools and units
		Exploring the Ex	
		2004 Mathema	
		State Curricu	llum
Maryland Mathema	atics		
Grade 7			
Activity/Lesson	State	Standards	
			Determine the measurements of angles
			formed by intersecting lines, line segments,
Vectoring	MD	MA.7.2.A.2.b	and rays.
			Apply given formulas to a problem solving
Fuel Efficiency	MD	MA.7.1.B.2.e	situation
		Exploring the Ex	
		2004 Mathema	
		State Curricu	llum
Maryland Mathema	atics		
Grade 8			
Activity/Lesson	State	Standards	
			Determine the measurements of angles
Vectoring	MD	MA.8.2.A.2.a	formed by parallel lines cut by a transversal
			Apply given formulas to a problem-solving
Fuel Efficiency	MD	MA.8.1.B.2.f	situation